

ABSTRACT OF THE DISCLOSURE

To provide a crosslinked flame-retardant resin composition excellent in flame retardancy, wear resistance, flexibility, workability and compatibility with other materials, and an insulated wire and a wiring harness using the same. The composition contains 100 part weight of a resin ingredient containing (A) polyethylene of which MFR is 5 g/10 min. or less and density is 0.90 g/cm³ or more and (B) at least one polymer selected from (B1) alpha-olefin (co)polymer, (B2) ethylene-vinylester copolymer, (B3) ethylene-alpha, beta-unsaturated carboxylic acid alkyl ester copolymer, and (B4) a styrene thermoplastic elastomer, 30-250 part weight of (C) metallic hydrate and 1-20 part weight of (D) a zinc compound, in which the content of (A) the polyethylene is 30-90 wt% and the content of (B) the polymer is 70-10 wt%, and the (B) ingredient is modified by acid and/or 0.3-10 part weight of (E) an organo-functional coupling agent is further contained. This composition is used for an insulated wire and a wiring harness.